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	1	15 16	30 31	45 46	60 61	75 76	90
hIL-2		-----APTSSSTRK TQLQEHLLDLQMILINGINNYKN-----			-----PKLTRMLTFKFY MPKKATE--LKHLQ		
hIL-15		-----AGIH VFLGCFSAGLPKTE ANWVNVISDLKKI-EDLIQSMMHIDAT-----			-----LY TESDVHPSCKVTAMK		
zall-Lig		-----SSSQGQDRHMIRM RQLIDIVDQLKNVNDLVPEF-----			-----LP APEDVETNCEWSAFAFS		
hIL-4		-----HKCD- ITLQEIIKTLNSLTEQKTLCTELTVTDI-----			-----FA ASKNTTE---KETF		
mIL-4		-----HIHGCDK NHLREIIGILNEVITGEGTCPCTEMDVPNV-----			-----LT ATKNNTTE---SELV		
hGM-CSF		-----SPSPSTQPWEHV NAIQEARRLLNLSRDTAAEMNETV-----			-----E VISEMFD---LQEPT		
mGM-CSF		-----IIVTRPWKHV EAIKEALNLDDMPVTL---NEEV-----			-----E VVSNEFS---FFKLT		
	91	105 106	120 121	135 136	150 151	166	180
hIL-2		CLEEEFKPLEEVNL AQSKKNFHLRPRDLS NINVIVLGLKGSE-----			-----TTFMCE- YADETATIVEFLNRW		
hIL-15		CFLLELQVISLESGD ASIHDVTENLIIAN NSLSSNGNVTESG-----			-----CKECEF LEEK--NIKEFLQSF		
zall-Lig		CFQKAQLKSANTGNN ERIINVSIKKKRKP PSTNAGRQRQKHRL-----			-----TCPSCDS YEK--PPKEFLERF		
hIL-4		CRAATVLRQFYSHHE KDTRCLGATAQQFHR HKQLIRFLKRLDRNLWGLAGL-----			-----NSCPV KEANQSTLENFLERL		
mIL-4		CRASKVLRIFYLKHG K-TPQCLKKNSVLM EORLFRAFRCLDS-----			-----SISCTM NESKSTSLLKDIFLES		
hGM-CSF		CLQTRLELYKQGLRG SLTKLKGPLTMMA SH YKQHCPPTPE-----			-----TSCA- --TQIITFESFKENL		
mGM-CSF		CVQTRLRKIEQGLRG NFTKLKGALNMASY YQTYCPPTPE-----			-----TDCE- --TQVTTYADFDSL		
	118	120	129	134	136	136	136
hIL-2	ITFCQSIISTL	132					
hIL-15	VHIVQMFIINTS1	134					
zall-Lig	KSSLQKMIHQHLSR THGSEDS	136					
hIL-4	KTIMREKYSKCSS	129					
mIL-4	KSIMQMDYS	120					
hGM-CSF	KDFLLVIPFDC--WE	119					
mGM-CSF	KTFFLTDIPFEC--KK PSQK	118					

FIG. 1

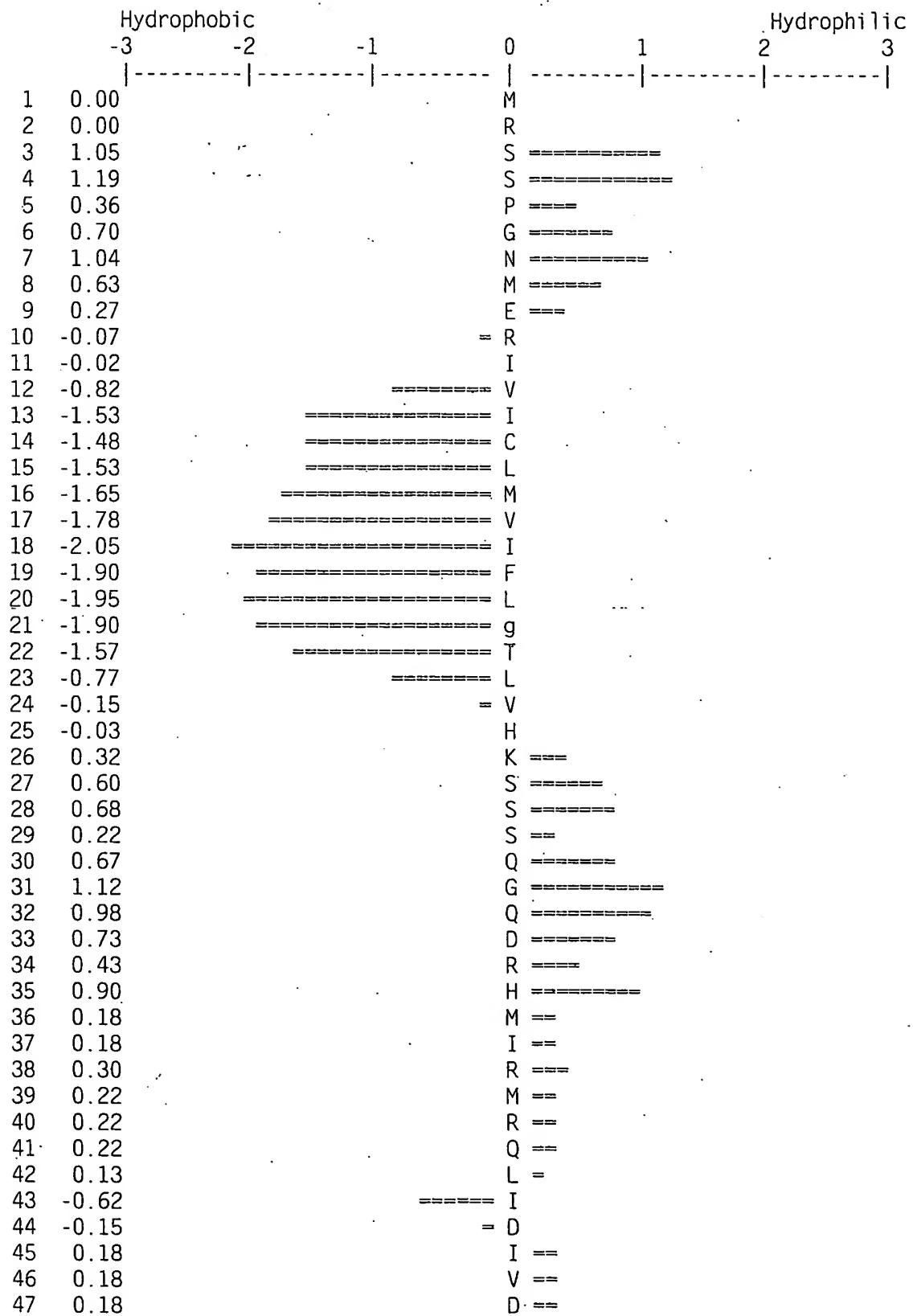


FIG. 2A

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48	0.52	Q =====
49	0.38	L ===
50	-0.37	==== K
51	-0.37	==== N
52	0.43	Y ===
53	-0.37	==== V
54	-0.65	===== N
55	-0.27	== D
56	0.48	L =====
57	0.03	V
58	-0.77	===== P
59	-0.47	===== E
60	-0.30	== F
61	-0.30	== L
62	-0.30	== P
63	0.62	A =====
64	0.67	P =====
65	1.17	E =====
66	1.18	D =====
67	1.22	V =====
68	0.55	E =====
69	0.55	T =====
70	0.23	N ==
71	-0.22	== C
72	-0.23	== E
73	-0.68	===== W
74	-1.08	===== S
75	-1.75	===== A
76	-1.60	===== F
77	-1.62	===== S
78	-1.03	===== C
79	-0.70	===== F
80	-0.10	= Q
81	-0.23	== K
82	0.68	A =====
83	0.70	Q =====
84	0.12	L =
85	0.23	K ==
86	0.13	S =
87	0.43	A ===
88	-0.03	N
89	-0.05	= T
90	0.53	G =====
91	1.00	N =====
92	0.77	N =====
93	0.47	E =====
94	0.47	R =====
95	0.18	I ==
96	-0.27	== I

FIG. 2B

97	-1.07	===== N
98	-0.27	== V
99	0.53	S =====
100	0.20	I ==
101	0.95	K =====
102	1.40	K =====
103	2.20	L =====
104	1.70	K =====
105	1.20	R =====
106	1.55	K =====
107	0.98	P =====
108	0.52	P =====
109	-0.07	= S
110	-0.07	= T
111	0.43	N ===
112	0.88	A =====
113	0.98	G =====
114	1.45	R =====
115	1.85	R =====
116	2.35	Q =====
117	1.55	K =====
118	0.98	h =====
119	0.78	R =====
120	0.28	L ===
121	0.02	T
122	-0.65	===== C
123	0.15	P ==
124	0.27	S ===
125	0.45	C =====
126	0.95	D =====
127	1.40	S =====
128	2.07	y =====
129	1.57	E =====
130	1.52	K =====
131	2.00	K =====
132	2.00	P =====
133	1.08	P =====
134	0.28	K ===
135	0.78	E =====
136	1.28	F =====
137	0.37	L ===
138	0.37	E ===
139	0.83	R =====
140	0.83	F =====
141	0.03	K
142	-0.43	==== S
143	0.48	L ===
144	-0.23	== L
145	-0.58	===== Q

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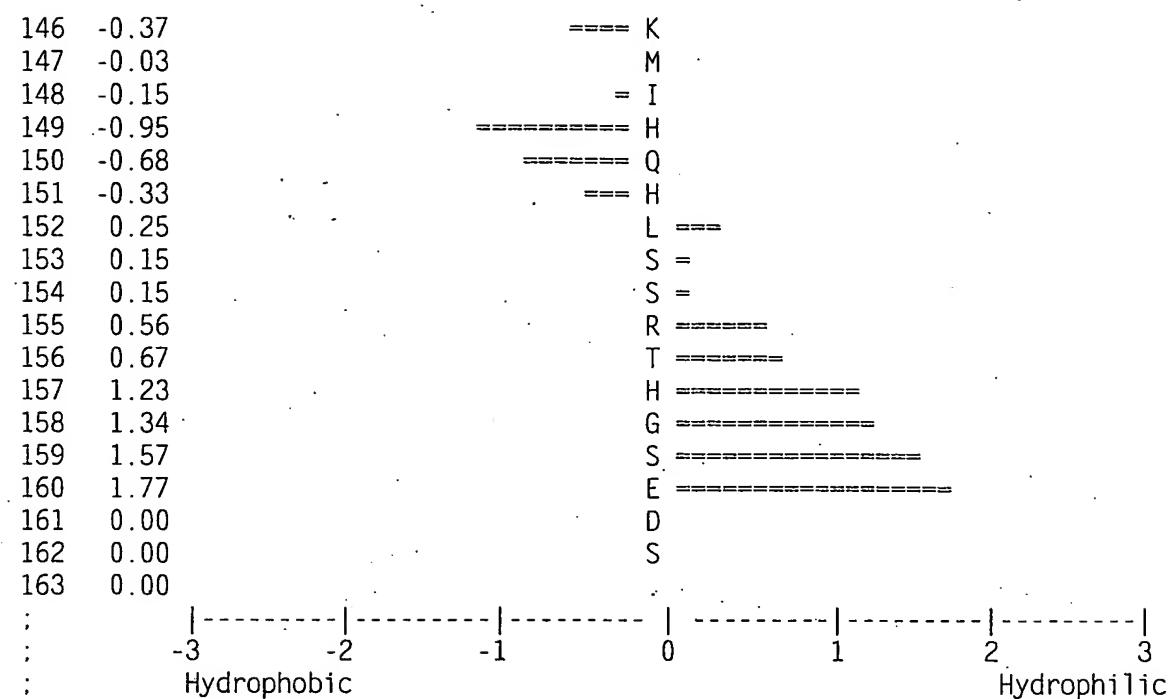


FIG. 2D